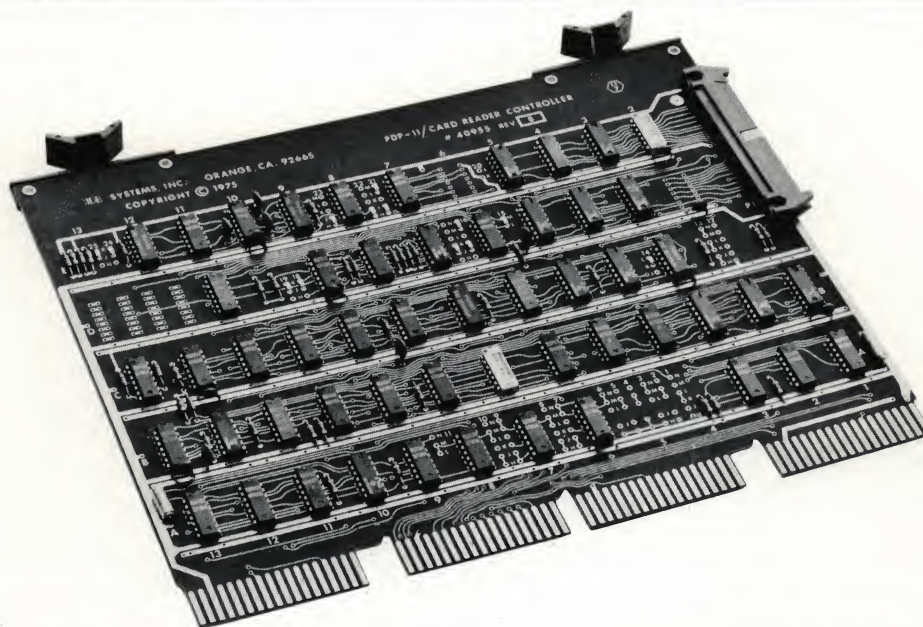# MDB

CR-11 CARD READER CONTROLLER
for use with
PDP*-11 Computers

MDB Card Reader Controller for PDP-11* Computers

- Parallel interface for most standard punched card readers
- Punched or mark sensing card reader compatible
- DEC CR-11 software compatible
- Multiple card reader address and interrupt vector selection

The MDB CR-11 card reader controller offers the most versatile approach for interfacing the DEC PDP-11 computer to a wide selection of card readers while maintaining complete software compatibility for a variety of card equipment.

The CR-11 controller is compatible to DEC CR-11 software and has direct plug-in convenience to both punched card and mark sensing readers.

The MDB CR-11 contains three registers for communication with the host computer and Unibus* consisting of one status register and two data buffers. The status register commands the card reader for proper operational status and updates the computer accordingly.

One data buffer contains card data in non-compressed 12-bit format, and the second data buffer contains card data in compressed 8-bit format. Selection of either format is by addressing the appropriate register. Card data is available at all times between columns in both compressed and non-compressed formats.

Through use of convenient P-C board jumpers various logic levels, card reader address and interrupt vectors can be selected thus permitting the use of various card readers with the MDB CR-11 module.

The board comes with a 15 foot ribbon cable with mating connectors furnished for connection to the card reader.

ELECTRICAL REQUIREMENTS:
- +5V at 0.9A

PHYSICAL:
- Occupies 1 quad slot of standard system unit

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